

## VMDC Version 7.1 (Build 75)

### General Description

Vicon is releasing VMDC version 7.1 (Build 75) for VMDC and VN-DECODER-2 based systems. This updated version fixes problems reported from the field and test lab and improves overall system performance and stability. VMDC 7.1 (Build 75) includes drivers 942.

This version also includes a few enhanced features to improve the overall VMDC system.

This version is backwards compatible with ViconNet 4.x, 5.x and 6.x.

Important Notes:

1. The installation/upgrade process may take a while (typically 5-8 minutes).
2. There is no separate installation of drivers included in this package

The same software is running on the VN-DECODER-2 and all changes apply to this product as well.

### Vicon Production

The new version of VMDC is now in production and will be installed on any system going forward. The software for existing users will be made publicly available online.

### Field Installation

The installation of VMDC 7.1 VMDC and VN-DECODER-2 7.0 systems does not require any licensing. Installation on version 6.x or lower systems requires re-licensing of the software. Systems covered by Vicon's software enhancement program will receive the license for free. For systems not covered, contact Vicon sales.

Users who wish to update their existing systems may download the new installation from the Vicon website (Support - Technical Support - Software Downloads) or order a CD/DVD/USB through the sales channel.

The upgrade from older ViconNet versions will only work from versions 5.6d and 6.x and should be done according to the installation instructions; it maintains all system settings and configuration (if a lower version is being upgraded, it will require updating to a supported version prior to installing this version).

Users may choose to keep running with their current version if they feel comfortable with it after reading the solved issues list and establishing there are no advantages in this version (make sure to follow Vicon instructions and install Microsoft .NET 4.5 if a decision to stay on version 6.6SP1 has been made).

# Vicon Release Notes

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As before, a system that has version 6.x installed on any device should upgrade the Nucleus to version 7.1 even if some devices are still running an older version (Nucleus should always run the latest version).

## New Features

### Camera Reconnect

VMDC will automatically attempt to reconnect to a camera that has dropped offline while being displayed. This ensures that video display will restore when the camera comes back online.

### Return to Display after Macro

When a display macro kicks in and takes over the display of any VMDC monitor, the VMDC will return to that display after the macro ends; this prevents blank video tiles post macro.

### Layout Authorization

Added authorization to allow restricting the operator from using certain screen layouts. This allows defining that a maximal layout can be used (example up to a 3x3 layout) and preventing the user from going to higher camera counts and loading up the system.

### Support Higher FPS from Cameras

Frame rates of up to 120 fps are now supported for recording and display.

### Manual Focus/Iris Control for ONVIF PTZs

On ONVIF based cameras that offer focus and iris controls, added support from the ViconNet application.

## Solved Issues

### Camera switch blinks logo

Switching between cameras no longer blinks the ViconNet logo or black background.

### ONVIF PTZ timeout

On continuous PTZ movement, the timeout was changed to 120 seconds. This allows holding pan commands without the camera stopping for up to 120 sec.

### Keypad FF/REW speeds

Corrected the speed for FF and REW using the JOG shuttle (x50 would be too fast and X100 would pause).

### Text Search on group tree

It is now possible to search for numbers in the group tree.

# Vicon Release Notes

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## Known Issues

This version only fixes the issues listed above and is otherwise identical to VMDC version 7.

### Wrong error message on controls screen

If a user tries to setup a control and selects a port already being used, the work error message that displays is "This screen has been idle for a long..."

### Audio sync issue in VMDC

When playing back a synchronized audio and video clip, a slight sync issue might occur.

### REW playback of camera causing slow down

Attempting to playback in REW a group of at least four 2MP cameras (or higher) while the same cameras display live will cause a drop in FPS.

### IQeye 12MP camera video delay

When using the new IQeye 12MP cameras, a delay is accumulated in display. This is under investigation.

## Availability

The VMDC 7.1 (Build 75) software has been released to production.